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(54) Title: REAL-TIME DETECTION OF NUCLEIC ACID REACTIONS

(57) Abstract: A process is provided for using oligonucleotide to which a detectable moiety is attached post-synthesis. A metal-containing fluorescent compound affords real-time detection of nucleic acid elongation, amplification, or hybridization. The process is especially advantageous since a detectable moiety is readily attached to an existing oligonucleotide at an internal nucleotide, rather than being limited to attachment at a 3' or 5' terminus.